

Delaware Nutrient Management
Program

DELAWARE CONSERVATION
PRACTICE STANDARD

MANURE INCORPORATION

(Reported by No.)

CRITERIA

To reduce nitrogen losses and maximize nitrogen availability for crop, manure should be incorporated as soon as possible after application.

REFERENCES

Information regarding the incorporation of manure and its potential impact on nitrogen availability to plants can be viewed online at: http://www.mawaterquality.org/capacity_building/mid-atlantic%20nutrient%20management%20handbook/chapter9.pdf

DEFINITION

Process for minimizing nitrogen volatilization (loss of N as ammonia gas) from applications of manure.

PURPOSES

This practice may be applied for one or more of the following purposes:

1. Predict plant-available nitrogen.
2. Reduce nitrogen loss.
3. Increase amount of ammonium-N available to plants.

**CONDITIONS WHERE PRACTICE
APPLIES**

This practice applies where:

- Animal manures are applied to land.

CONSIDERATIONS

This practice is designed to reduce volatile losses of nitrogen from land-applied manure. The same principles are useful for reducing volatile losses of nitrogen from surface application of some fertilizers such as urea.